

SEQUENCE LISTING

SEQ ID NO: 1

LENGTH: 238

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION

Met Ser Lys Gly Glu Glu Leu Phe Thr Gly Val Val Pro Ile Leu Val

1 5 10 15

Glu Leu Asp Gly Asp Val Asn Gly His Lys Phe Ser Val Ser Gly Glu

20 25 30

Gly Glu Gly Asp Ala Thr Tyr Gly Lys Leu Thr Leu Lys Phe Ile Cys

35 40 45

Thr Thr Gly Lys Leu Pro Val Pro Trp Pro Thr Leu Val Thr Thr Phe

50 55 60

Ser His Gly Val Gln Cys Phe Ser Arg Tyr Pro Asp His Met Lys Gln

66 70 75 80

His Asp Phe Phe Lys Ser Ala Met Pro Glu Gly Tyr Val Gln Glu Arg

85 90 95

Thr Ile Phe Phe Lys Asp Asp Gly Asn Tyr Lys Thr Arg Ala Glu Val

100 105 110

Lys Phe Glu Gly Asp Thr Leu Val Asn Arg Ile Glu Leu Lys Gly Ile

115 120 125

Asp Phe Lys Glu Asp Gly Asn Ile Leu Gly His Lys Leu Glu Tyr Asn

130 135 140

Phe Asn Ser His Asn Val Tyr Ile Met Ala Asp Lys Gln Lys Asn Gly

145 150 155 160  
 Ile Lys Val Asn Phe Lys Ile Arg His Asn Ile Glu Asp Gly Ser Val  
 165 170 175  
 Gln Leu Ala Asp His Tyr Gln Gln Asn Thr Pro Ile Gly Asp Gly Pro  
 5 180 185 190  
 Val Leu Leu Pro Asp Asn His Tyr Leu Ser Thr Gln Ser Ala Leu Ser  
 195 200 205  
 Lys Asp Pro Asn Glu Lys Arg Asp His Met Val Leu Leu Glu Phe Val  
 210 215 230  
 10 Thr Ala Ala Gly Ile Thr His Gly Met Asp Glu Leu Tyr Lys  
 225 230 235 238

SEQ ID NO: 2

LENGTH: 28

15 TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION

20 TCGTGACCAC CTTCTCCCAC GCGGTGCA 28

SEQ ID NO: 3

LENGTH: 28

TYPE: nucleic acid

25 STRANDEDNESS: single

TOPOLOGY: linear

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MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION

TGCACGCCGT GGGAGAAGGT GGTCACGA 28

5 SEQ ID NO: 4

LENGTH: 29

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

10 MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION

GCTGGAGTAC AACTCAACA GCCACAACG 29

15 SEQ ID NO: 5

LENGTH: 29

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

20 MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION

CGTTGTGGCT GTTGAAGTTG TACTCCAGC 29

SEQ ID NO: 6

LENGTH: 28

25 TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION

CCTCGTGACC ACCCTCTCCC ACGGCGTG 28

5

SEQ ID NO: 7

LENGTH: 28

TYPE: nucleic acid

STRANDEDNESS: single

10

TOPOLOGY: linear

MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION

CACGCCGTGG GAGAGGGTGG TCACGAGG 28

15

SEQ ID NO: 8

LENGTH: 28

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

20

MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION

CCTCGTGACC ACCCTCACCT ACGGCGTG 28

SEQ ID NO: 9

25

LENGTH: 28

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION

5 CACGCCGTAG GTGAGGGTGG TCACGAGG 28

SEQ ID NO: 10

LENGTH: 29

TYPE: nucleic acid

10 STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION

15 GAACGGCATC AAGGCCAACT TCAAGATCC 29

SEQ ID NO: 11

LENGTH: 29

TYPE: nucleic acid

STRANDEDNESS: single

20 TOPOLOGY: linear

MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION

GGATCTTGAA GTTGGCCTTG ATGCCGTTC 29

25 SEQ ID NO: 12

LENGTH: 28

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION

CATCGAGGAC GCGGGCGTGC AGCTCGCC 28

SEQ ID NO: 13

LENGTH: 28

10 TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION

15 GGCGAGCTGC ACGCCGCCGT CCTCGATG 28

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